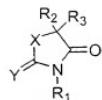


FIGURE 1A



General structure

1000
900
800
700
600
500
400
300
200
100

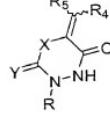
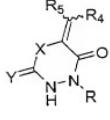
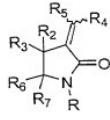
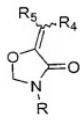
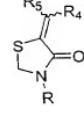
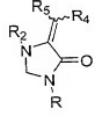
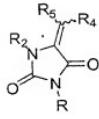
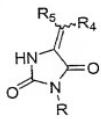
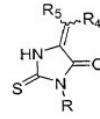
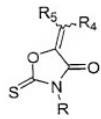
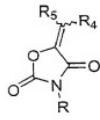
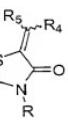
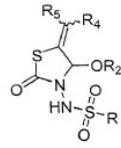
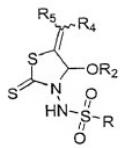
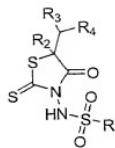
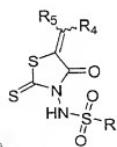
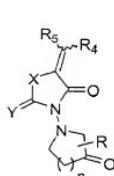
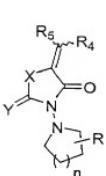
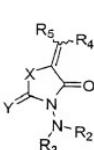
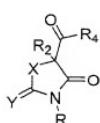
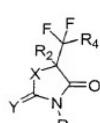
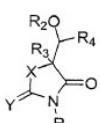
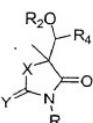
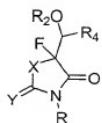
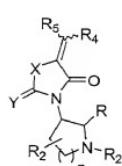
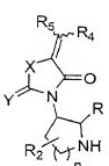
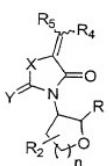
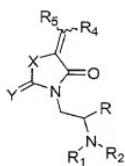
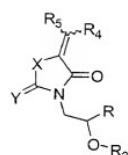
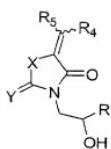
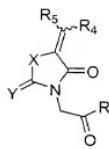
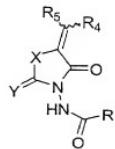


FIGURE 1B



General structure



TD5004-028860

FIGURE 2A

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
9	++			H
10	++			H
11	++			H
12	++			H
2	++			H
13	++			H
14	++			H

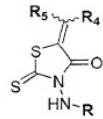
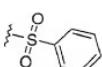
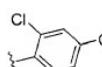
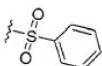
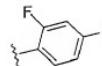
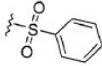
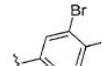
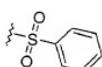
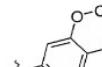
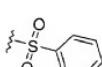
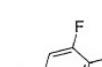
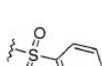
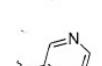
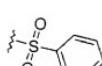
TOSOHNO-042682860

FIGURE 2B

Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
15	++			H
16	++			H
17	++			H
18	++			H
19	++			H
20	++			H
21	++			H

09828270 - 040520

FIGURE 2C

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
22	++			H
23	++			H
24	++			H
25	++			H
26	++			H
27	++			H
28	++			H

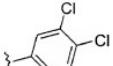
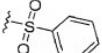
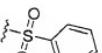
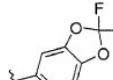
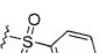
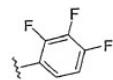
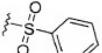
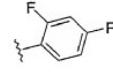
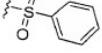
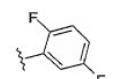
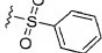
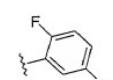
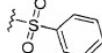
009326270 - 009326270

FIGURE 2D

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
29	++			H
30	++			H
8	+			H
31	++			H
32	++			H
33	++			H
34	++			H

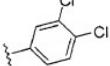
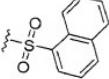
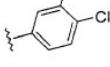
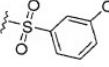
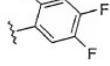
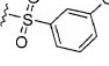
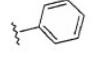
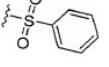
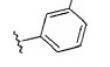
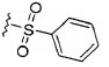
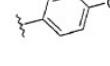
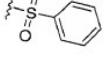
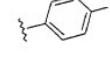
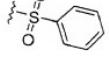
TUDS040 - 07252020

FIGURE 2E

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
35	++			CH ₃
36	++			H
37	++			H
38	++			H
39	++			H
40	++			H
41	++			H

TOSOHO-07282860

FIGURE 2F

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
42	++			H
43	++			H
44	++			H
45	++			H
46	++			H
47	++			H
48	++			H

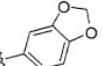
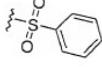
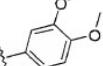
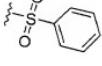
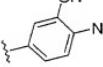
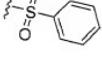
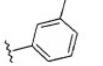
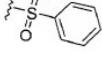
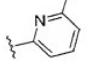
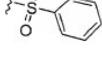
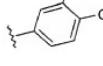
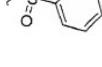
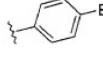
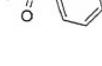
09828270 · 1050014

FIGURE 2G

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
49	++			H
50	++			H
51	++			H
52	++			H
53	++			H
54	++			H
55	++			H

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FIGURE 2H

Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
56	++			H
57	+			H
58	++			H
59	++			H
60	+			H
61	++			H
62	++			H

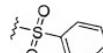
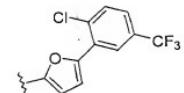
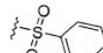
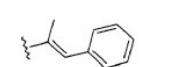
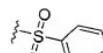
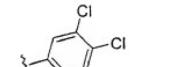
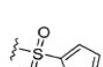
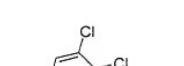
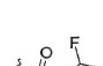
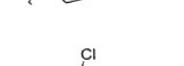
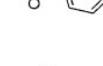
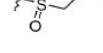
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FIGURE 2I

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
63	++			H
3	++			H
64	++			H
65	++			H
66	++			H
67	++			H
68	++			H
69	++			H

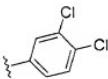
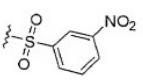
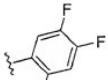
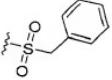
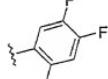
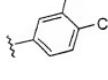
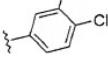
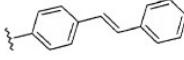
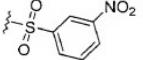
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FIGURE 2J

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
70	+			H
71	++			H
72	++			H
73	++			H
74	++			H
75	++			H
76	++			H

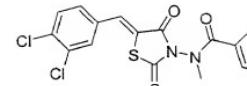
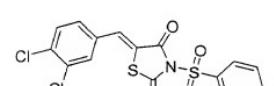
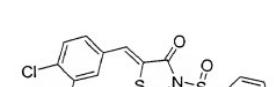
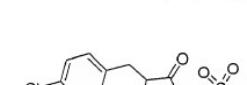
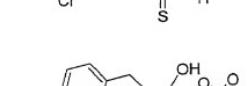
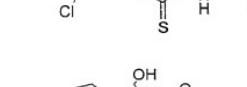
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FIGURE 2K

Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	Amino substituent (R)	R ₅
77	++			H
78	++			H
79	++			H
80	++			H
81	++			H
82	++			H

0000000000-0000000000

FIGURE 2L

Identifier	NS5b IC ₅₀ (μM)	Structure
83	++	
6	++	
7	++	
84	++	
85	-	
86	++	

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FIGURE 2M

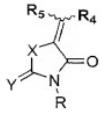
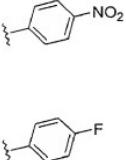
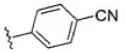
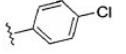
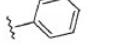
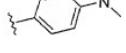
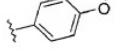
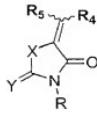
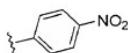
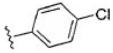
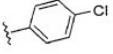
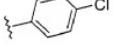
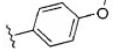
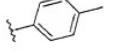
Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	R	Y	X	R ₅
87	++		NH ₂	S	S	H
88	++		NH ₂	S	S	H
89	++		NH ₂	S	S	H
1	++		NH ₂	S	S	H
90	+		NH ₂	S	S	H
91	+		NH ₂	S	S	H
92	+		NH ₂	S	S	H

FIGURE 2N

Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	R	Y	X	R ₅
93	+		NH ₂	S	S	H
94	++		NH ₂	S	S	H
95	++		H	S	S	H
96	++		H	S	S	H
97	+		H	S	S	H
98	+		H	O	S	H
99	++		CH ₃	S	S	H

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FIGURE 20

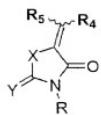
Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	R	Y	X	R ₅
100	+		CH ₃	S	S	H
101	++		H	S	S	H
102	+		Bn	S	S	H
103	+		Et	S	S	H
104	+		CH ₃	S	S	H
105	+		Bn	S	S	H
106	+		Bn	S	S	H

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FIGURE 2P

Identifier	NS5b IC ₅₀ (uM)	Benzylidene (R ₄)	R	Y	X	R ₅
107	++		H	S	S	H
108	++		H	S	S	H
109	++		H	S	S	H
110	++		H	S	S	H
111	++		H	S	S	H
112	+		H	S	S	H
113	++		H	S	S	H

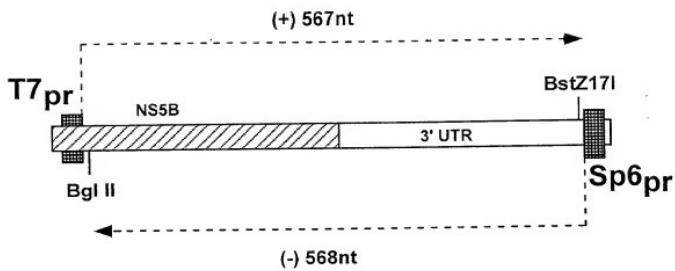
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FIGURE 2Q

Identifier	NS5b IC ₅₀ (μM)	Benzylidene (R ₄)	R	Y	X	R ₅
114	++		H	S	S	H
115	++		H	S	S	H
116	++		NH ₂	S	S	H
117	++		NH ₂	S	S	H

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FIGURE 3



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